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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

SUMO2 (Human) Recombinant Protein (P01)

Catalog Number: H00006613-P01

Regulation Status: For research use only (RUO)

Product Description: Human SUMO2 full-length ORF (AAH08450, 1 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MADEKPKEGVKTENNNHINLKVAGQDGSVVQFKIKRH
TPLSKLMKAYCERQGLSMRQIRFRFDGQPINETDTPA
QLEMEDEDTIDVFQQQTGGVY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.19

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6613

Gene Symbol: SUMO2

Gene Alias: HSMT3, MGC117191, SMT3B, SMT3H2

Gene Summary: This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike

ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]